

# Figure 1

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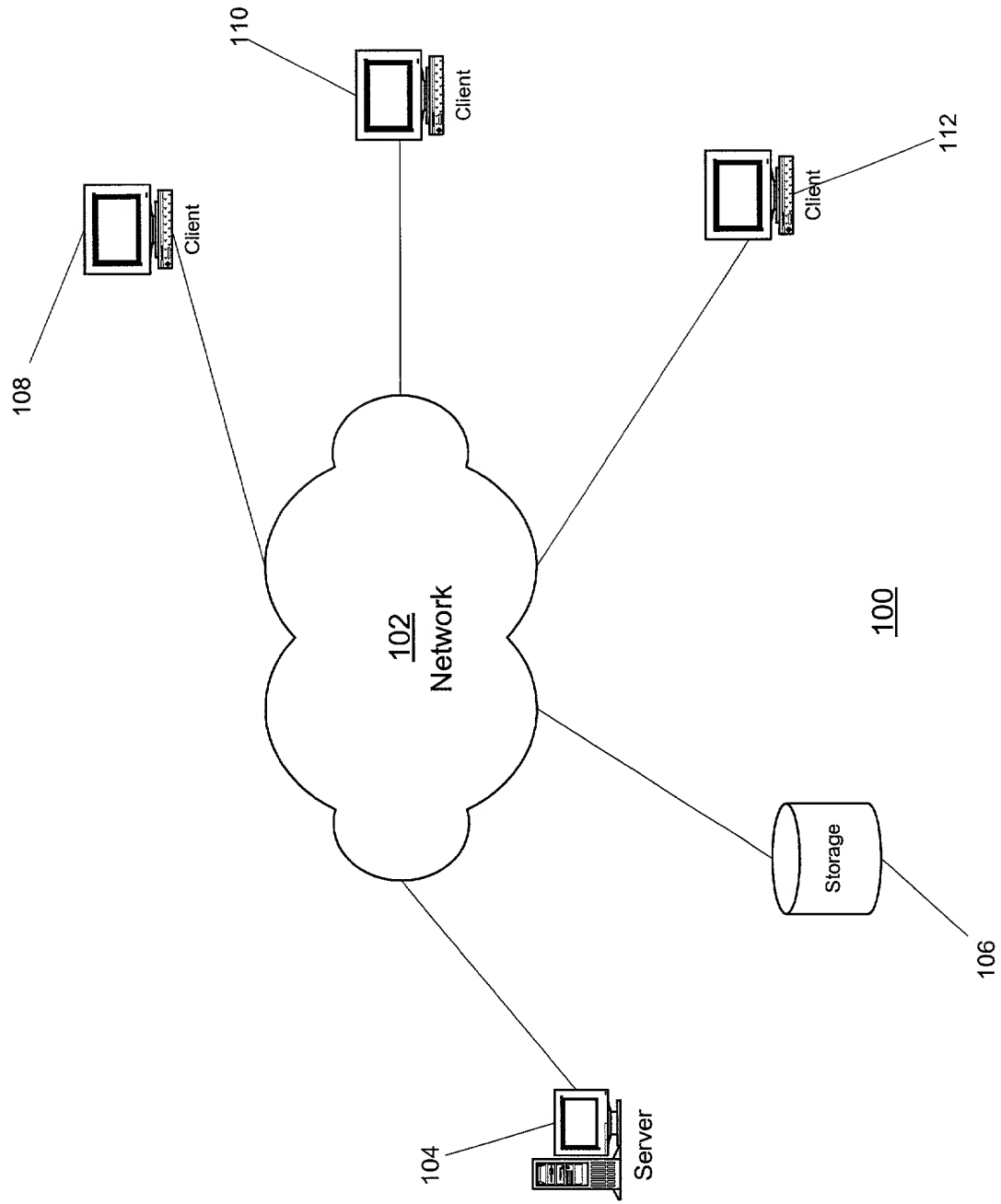


Figure 2

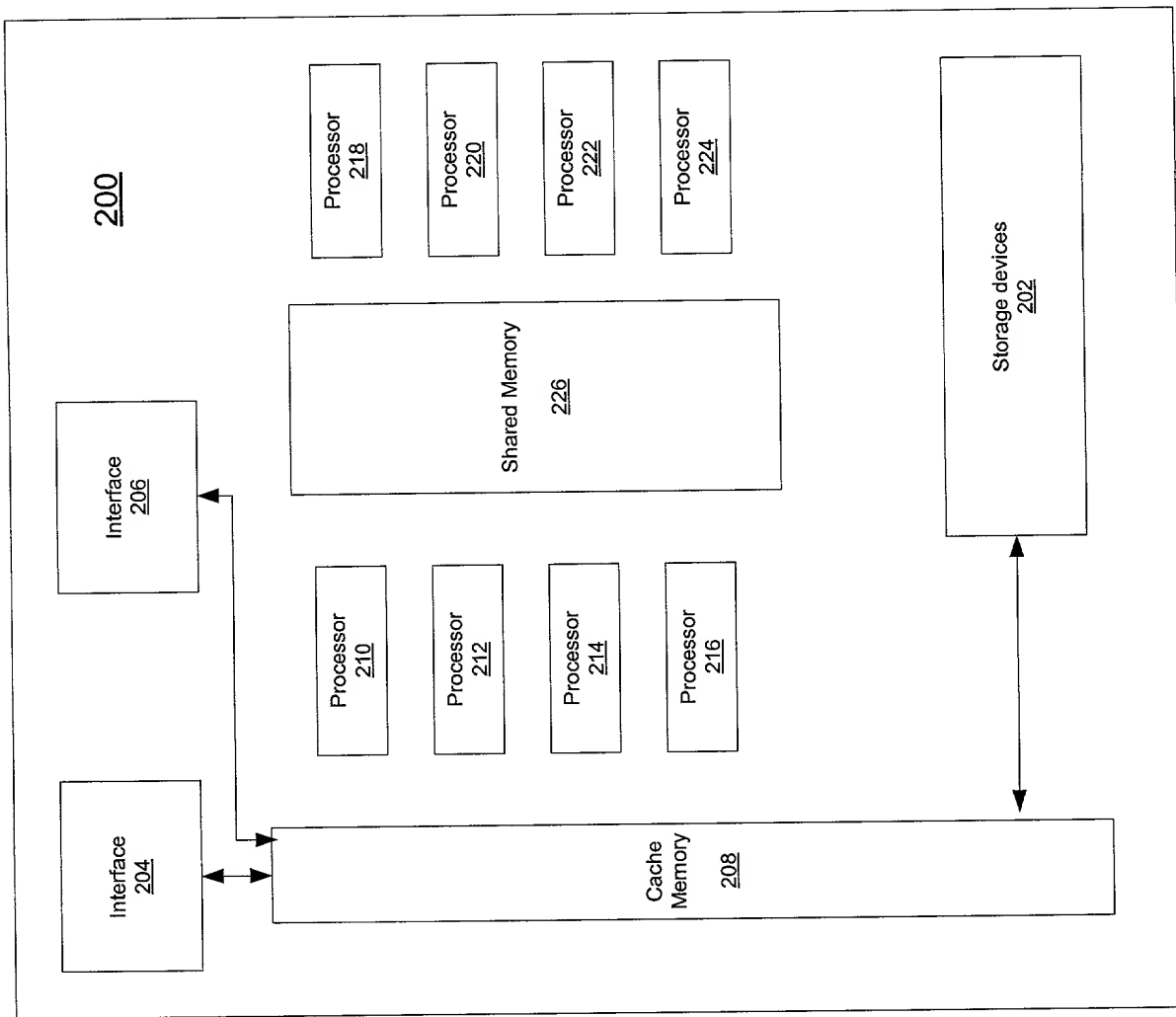
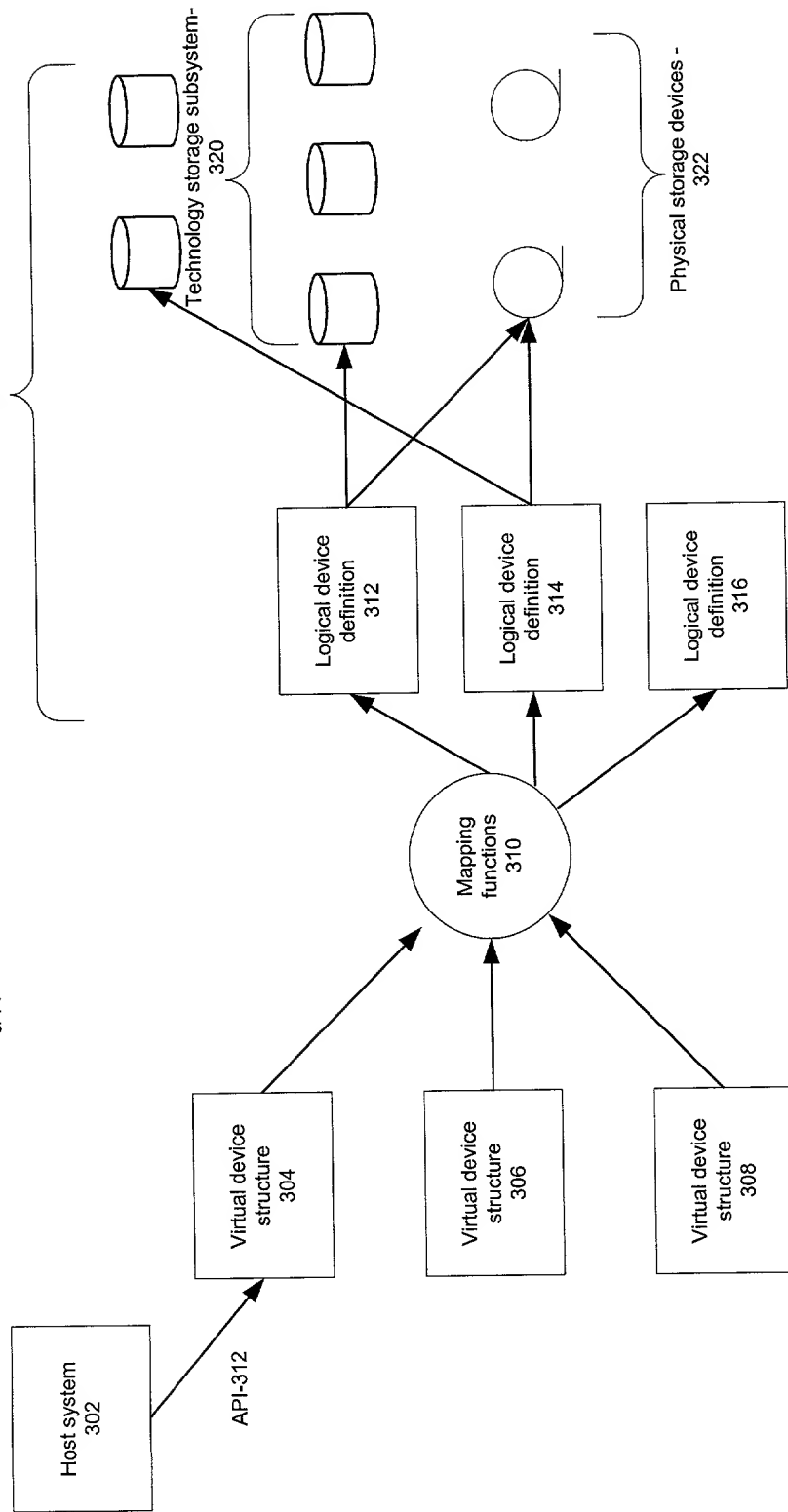


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RAID stripe group A

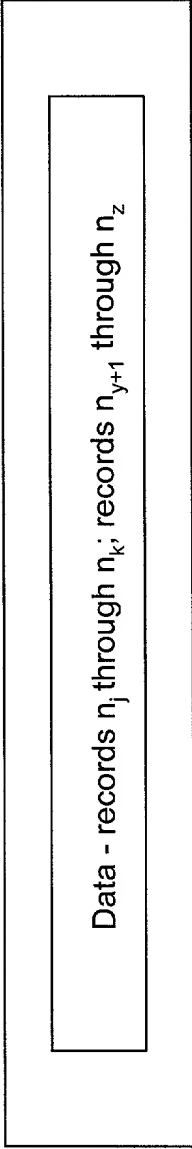
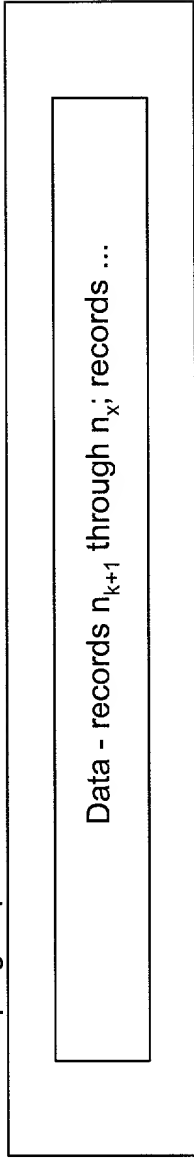


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RAID stripe group B



RAID stripe group C

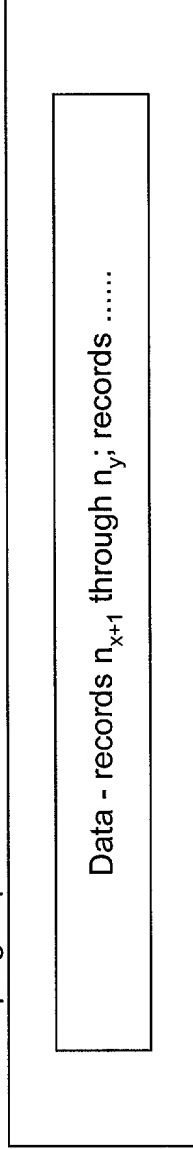
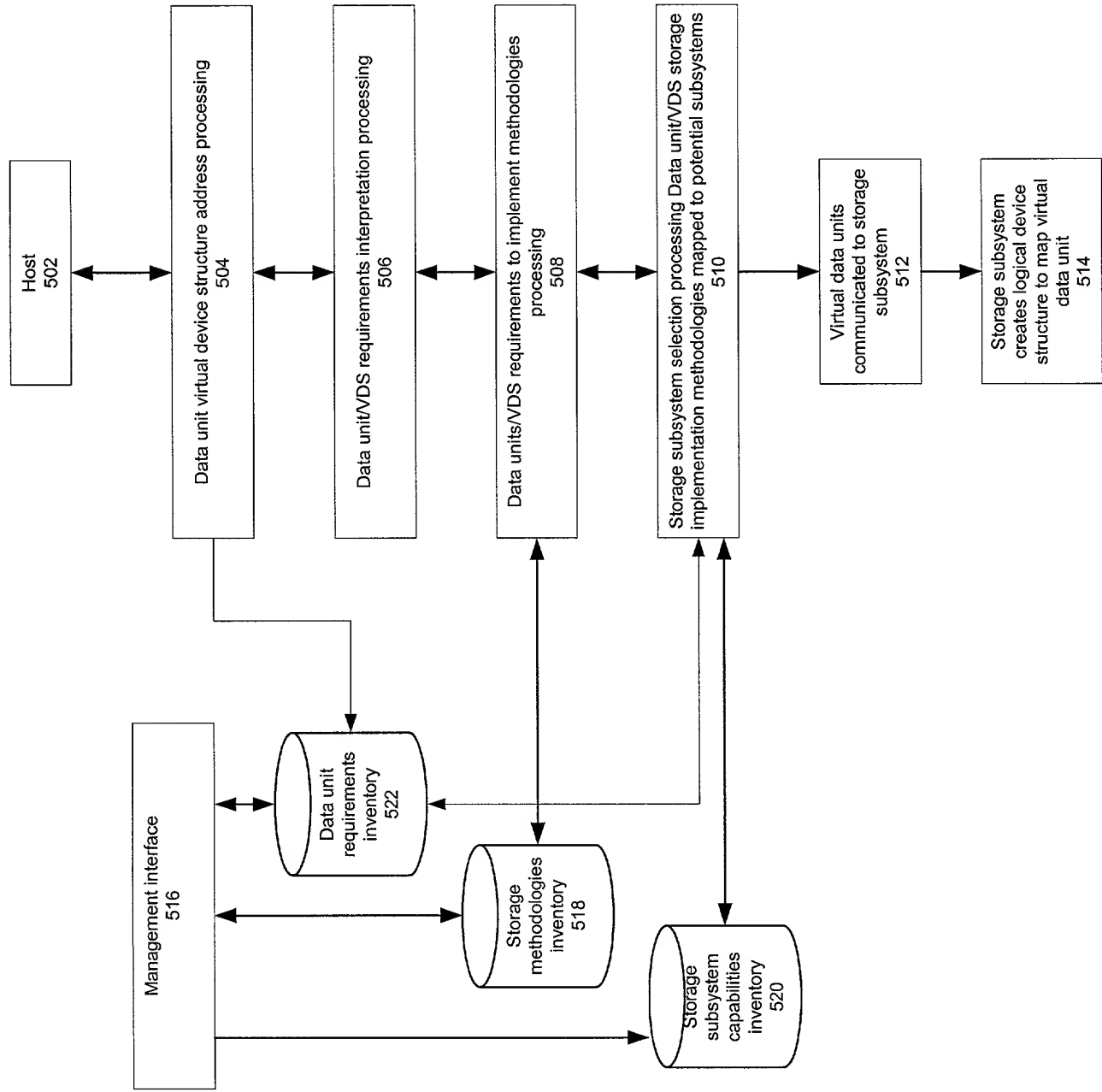


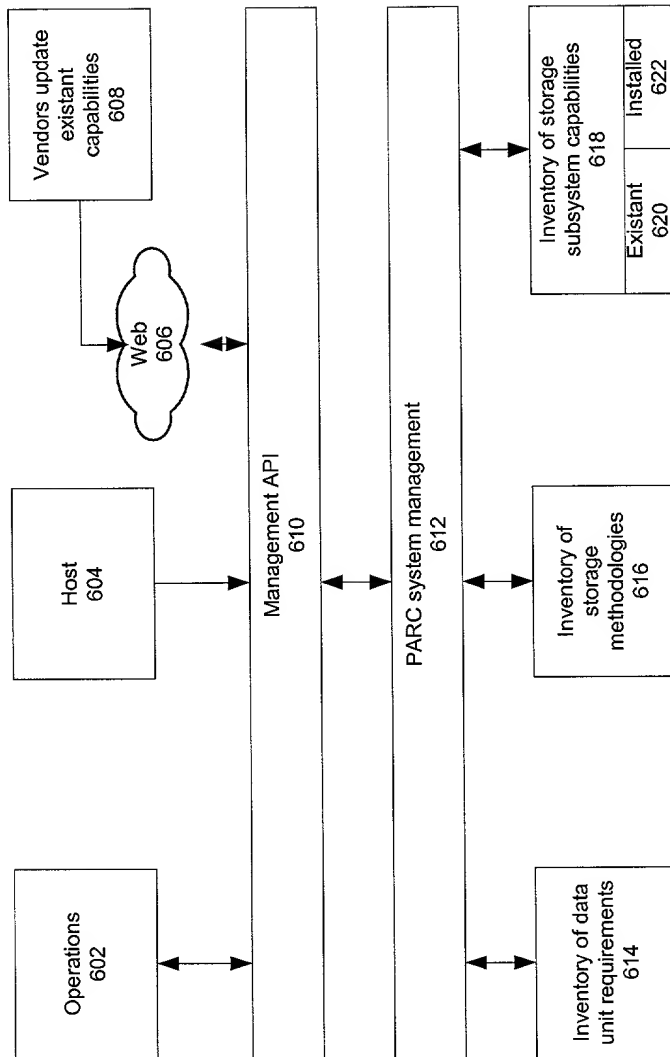
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# Figure 6



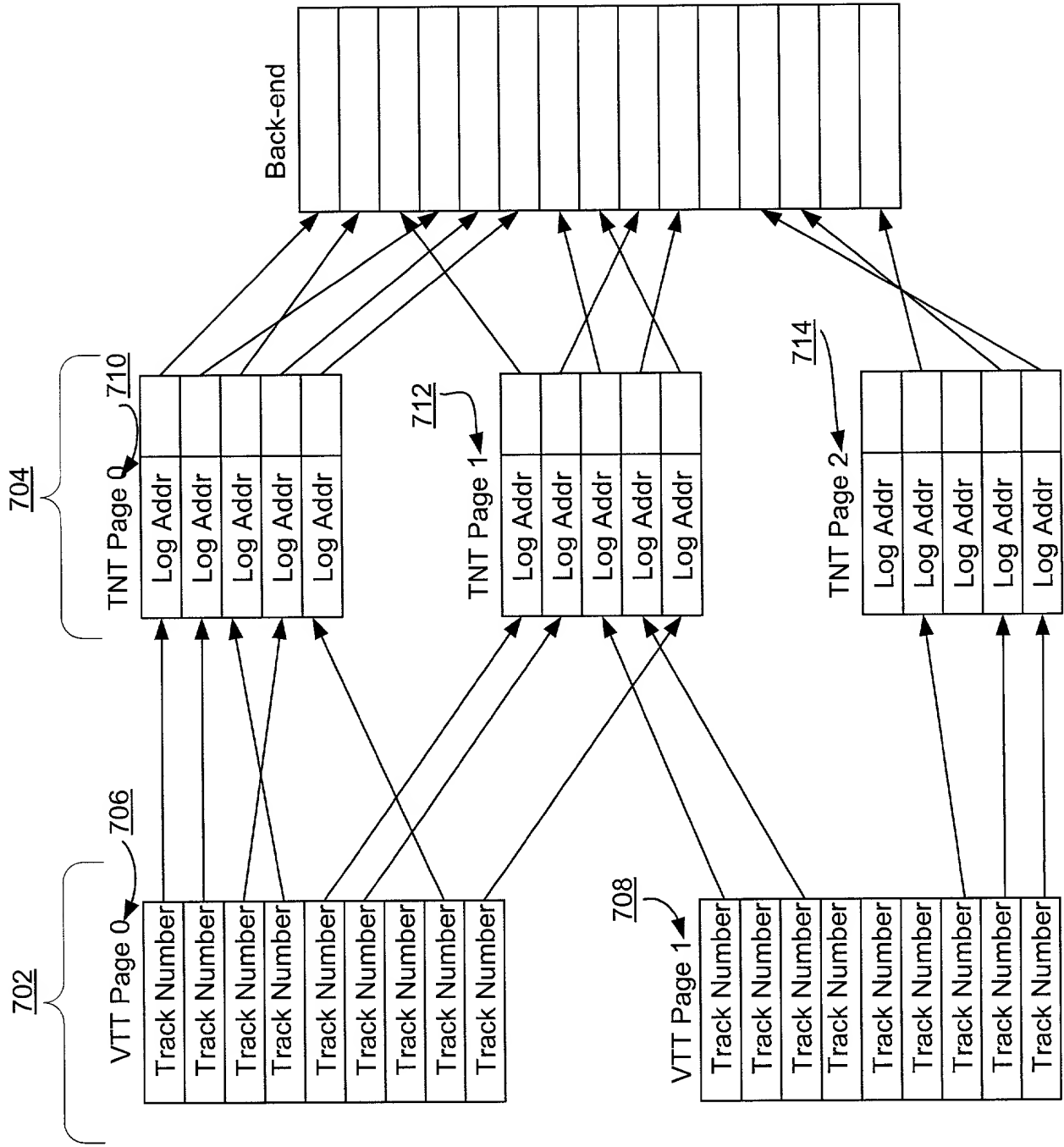


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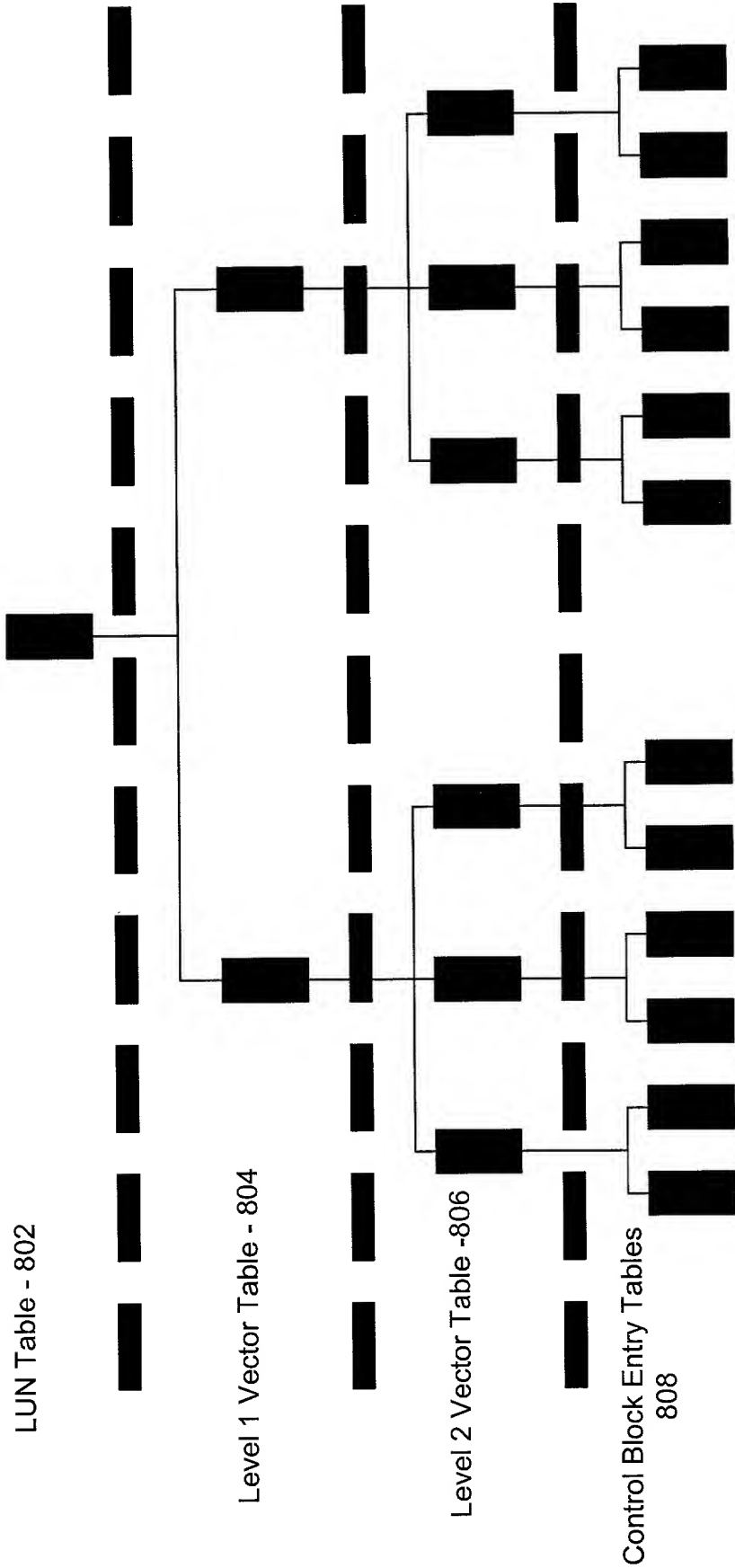


Figure 8



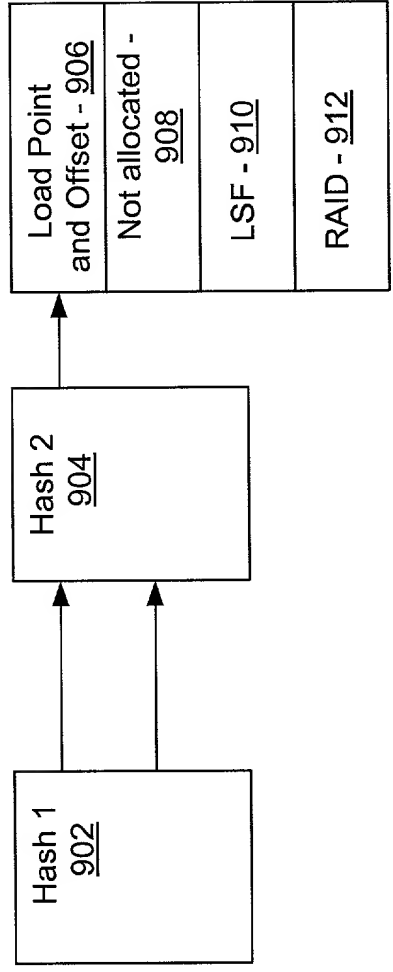


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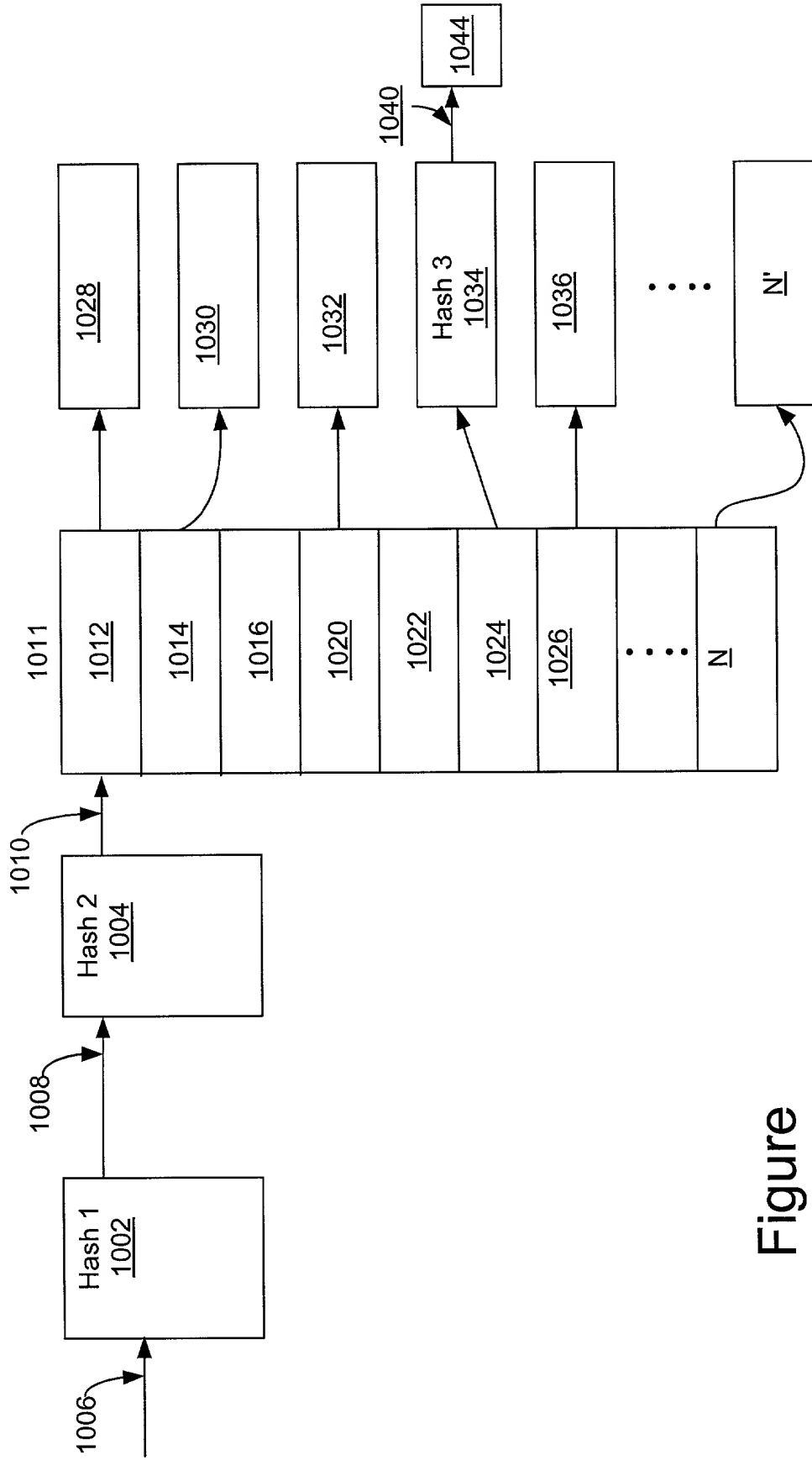


Figure  
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# Figure 11

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Stripe 1 - 1111
Stripe 4 - 1112
1113
1114
•
•
•
•
•

Drive - 1110

Stripe 1 - 1121
Stripe 2 - 1122
Stripe 3 - 1123
Stripe 4 - 1124
•
•
•
•
•

Drive - 1120

Stripe 1 - 1131
Stripe 2 - 1132
Stripe 3 Parity - 1133
Stripe 4 - 1134
•
•
•
•
•

Drive - 1130

Stripe 1 - 1141
Stripe 2 - 1142
Stripe 3 - 1143
Stripe 4 Parity - 1144
•
•
•
•
•

Drive - 1140

Stripe 1 Parity - 1151
Stripe 2 - 1152
Stripe 3 - 1153
Stripe 5 - 1154
•
•
•
•
•

Drive - 1150

Stripe 2 Parity - 1161
Stripe 3 - 1162
Stripe 4 - 1163
Stripe 5M - 1164
•
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•
•

Drive - 1160

# Figure 12

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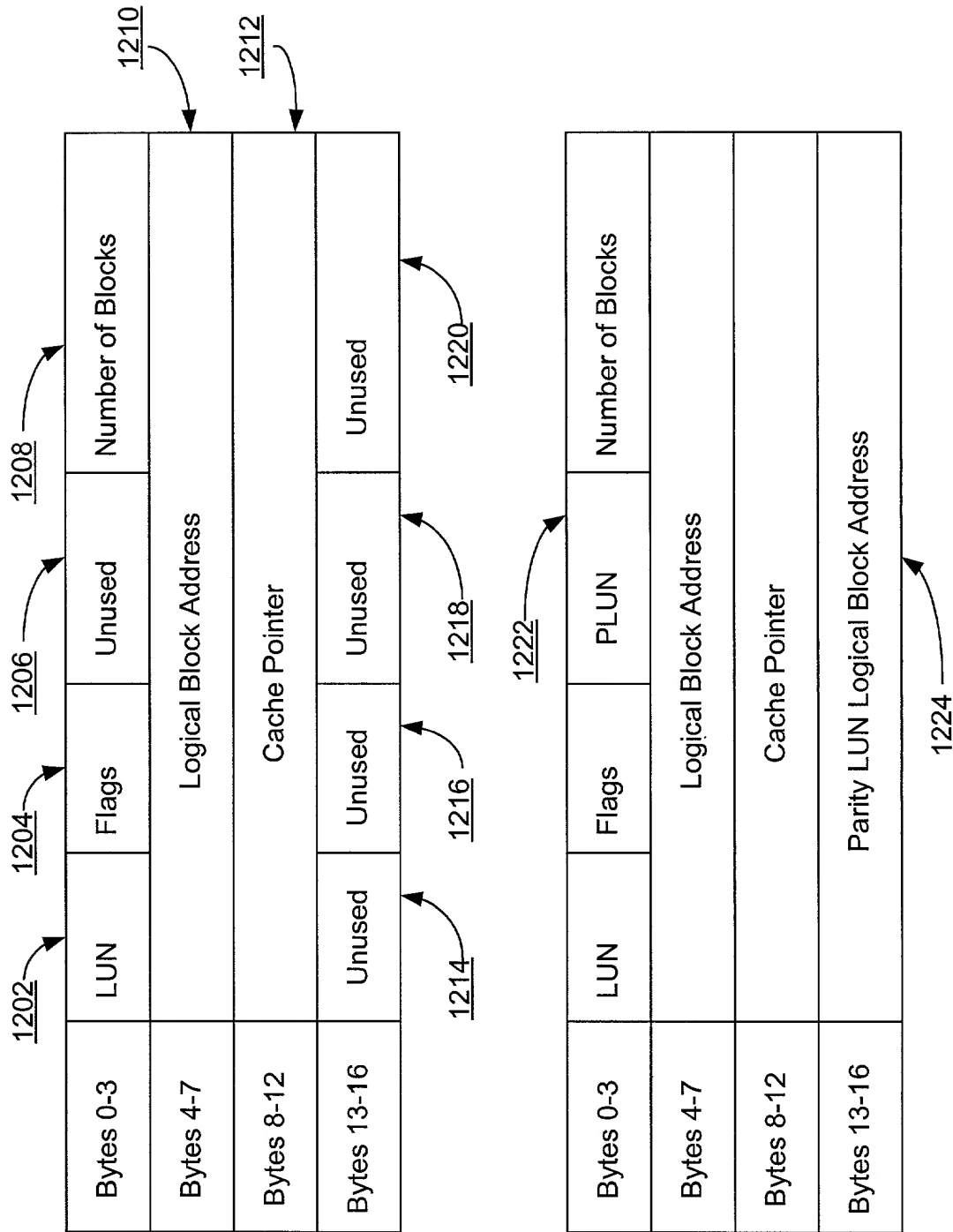


Figure 13

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Timestamp			
LBA of previous stripe			
Previous stripe LUN	Index of parity drive	RAID type of stripe	# of strips in stripe
Strip size in blocks			
1st LUN in stripe	Active count	# of host pieces in strip	Unused
LBA of data on 1st LUN			
2nd LUN in stripe	Active count	# of host pieces in strip	Unused
LBA of data on 2nd LUN			
Nth LUN in stripe	Active count	# of host pieces in strip	Unused
LBA of data on Nth LUN			
Host LUN	Length in strip	Host Length	
Host LBA			
Host LUN	Length in strip	Host Length	
Host LBA			

# Figure 14

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